

Title (en)
Hub shaft connection

Title (de)
Nabenwellenverbindung

Title (fr)
Accouplement arbre-moyeu

Publication
EP 1630437 B1 20080917 (DE)

Application
EP 05015854 A 20050721

Priority
DE 102004041711 A 20040828

Abstract (en)
[origin: EP1630437A1] The connection has a link up force applied (F) by a crankshaft (8) between construction units which can be connected. Circular contact areas (3, 4, 5) are provided between a connection and the hub (2) and partly do not run perpendicular to a construction unit axle (X). The contact area is partly concave or bent to the construction unit axle (X) and runs in such a manner that the contact area lies radially outside. The contact area has a surface roughness from 4 to 16 m. An angle (W) between the non running perpendicular contact areas and the construction units amounts to 1.5 deg.

IPC 8 full level
F16D 1/092 (2006.01); **F16D 1/072** (2006.01); **F16D 1/076** (2006.01)

CPC (source: EP)
F16D 1/072 (2013.01); **F16D 1/076** (2013.01); **F16D 1/092** (2013.01)

Cited by
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Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1630437 A1 20060301; EP 1630437 B1 20080917; DE 102004041711 A1 20060302; DE 502005005383 D1 20081030

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